

Appendix table 5-7
Doctoral degrees awarded to women, by field: 1990–99

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| Field | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | Percent awarded to women | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------------|------|
| | | | | | | | | | | | 1990 | 1999 |
| Total, all fields..... | 13,106 | 13,873 | 14,436 | 15,122 | 15,820 | 16,414 | 16,944 | 17,251 | 17,858 | 17,493 | 36.3 | 42.5 |
| Total science and engineering..... | 6,370 | 6,932 | 7,080 | 7,652 | 7,921 | 8,286 | 8,646 | 8,943 | 9,355 | 9,084 | 27.9 | 35.0 |
| Physical sciences..... | 661 | 679 | 770 | 780 | 828 | 878 | 842 | 852 | 927 | 831 | 18.8 | 23.2 |
| Astronomy..... | 20 | 14 | 19 | 25 | 25 | 30 | 41 | 37 | 46 | 32 | 15.6 | 20.0 |
| Chemistry..... | 503 | 517 | 579 | 582 | 625 | 661 | 605 | 613 | 695 | 633 | 24.0 | 29.7 |
| Physics..... | 130 | 142 | 167 | 169 | 175 | 182 | 193 | 193 | 177 | 160 | 10.3 | 12.6 |
| Other physical sciences..... | 8 | 6 | 5 | 4 | 3 | 5 | 3 | 9 | 9 | 6 | 25.8 | 35.3 |
| Earth, atmospheric, and ocean sciences..... | 141 | 179 | 188 | 160 | 183 | 170 | 172 | 210 | 219 | 210 | 19.1 | 26.0 |
| Atmospheric sciences..... | 14 | 16 | 27 | 18 | 26 | 23 | 22 | 25 | 30 | 22 | 16.9 | 17.7 |
| Earth sciences..... | 85 | 124 | 115 | 89 | 95 | 91 | 88 | 119 | 127 | 112 | 17.8 | 24.7 |
| Oceanography..... | 31 | 26 | 29 | 35 | 38 | 28 | 39 | 38 | 32 | 45 | 24.2 | 34.6 |
| Other earth, atmospheric, and ocean sciences..... | 11 | 13 | 17 | 18 | 24 | 28 | 23 | 28 | 30 | 31 | 22.0 | 31.0 |
| Mathematical sciences..... | 158 | 199 | 205 | 264 | 236 | 265 | 231 | 263 | 297 | 277 | 17.7 | 25.5 |
| Computer science..... | 110 | 117 | 120 | 138 | 137 | 186 | 139 | 150 | 159 | 156 | 15.6 | 18.4 |
| Agricultural sciences..... | 246 | 209 | 233 | 228 | 249 | 228 | 282 | 260 | 298 | 280 | 21.0 | 29.0 |
| Biological sciences..... | 1,615 | 1,773 | 1,831 | 2,050 | 2,109 | 2,217 | 2,415 | 2,494 | 2,538 | 2,400 | 37.3 | 42.9 |
| Psychology..... | 1,913 | 1,996 | 1,928 | 2,088 | 2,101 | 2,180 | 2,328 | 2,372 | 2,460 | 2,447 | 58.3 | 66.7 |
| Clinical psychology..... | 1,119 | 1,211 | 1,158 | 1,222 | 1,205 | 1,266 | 1,321 | 1,324 | 1,373 | 1,462 | 59.4 | 70.1 |
| Nonclinical psychology..... | 794 | 785 | 770 | 866 | 999 | 1,032 | 1,128 | 1,050 | 1,087 | 985 | 56.9 | 62.3 |
| Experimental/biological psychology..... | 115 | 136 | 147 | 169 | 186 | 171 | 171 | 190 | 168 | 191 | 42.1 | 50.5 |
| Individual/social psychology..... | 214 | 209 | 217 | 234 | 347 | 332 | 397 | 400 | 429 | 381 | 66.0 | 74.1 |
| Other psychology..... | 465 | 440 | 406 | 463 | 466 | 529 | 560 | 460 | 490 | 413 | 58.2 | 59.9 |
| Social sciences..... | 1,111 | 1,313 | 1,299 | 1,422 | 1,443 | 1,466 | 1,461 | 1,591 | 1,684 | 1,692 | 33.3 | 41.7 |
| Economics..... | 200 | 217 | 219 | 246 | 249 | 279 | 263 | 266 | 311 | 291 | 19.9 | 27.0 |
| Political science and public administration..... | 170 | 211 | 235 | 246 | 282 | 266 | 305 | 297 | 365 | 356 | 23.2 | 35.0 |
| Sociology..... | 218 | 246 | 250 | 255 | 283 | 294 | 276 | 334 | 318 | 341 | 48.7 | 59.7 |
| Anthropology..... | 185 | 230 | 172 | 231 | 225 | 237 | 225 | 261 | 262 | 273 | 53.5 | 56.1 |
| Linguistics..... | 90 | 112 | 133 | 118 | 134 | 102 | 113 | 135 | 123 | 147 | 53.9 | 58.8 |
| History of science..... | 9 | 11 | 8 | 16 | 10 | 17 | 10 | 13 | 19 | 18 | 34.6 | 36.7 |
| Area and ethnic studies..... | 46 | 61 | 58 | 68 | 65 | 65 | 76 | 52 | 63 | 59 | 48.9 | 54.1 |
| Other social sciences..... | 193 | 225 | 224 | 242 | 195 | 206 | 193 | 233 | 223 | 207 | 37.8 | 41.2 |
| Engineering..... | 415 | 467 | 506 | 522 | 635 | 696 | 776 | 751 | 773 | 791 | 8.5 | 14.8 |
| Aerospace engineering..... | 4 | 7 | 8 | 8 | 11 | 14 | 24 | 16 | 15 | 17 | 2.1 | 8.2 |
| Chemical engineering..... | 78 | 83 | 113 | 94 | 113 | 109 | 143 | 122 | 140 | 124 | 11.9 | 18.3 |
| Civil engineering..... | 49 | 41 | 50 | 54 | 80 | 76 | 79 | 80 | 100 | 89 | 8.9 | 15.2 |
| Electrical engineering..... | 84 | 79 | 115 | 125 | 147 | 173 | 169 | 150 | 156 | 156 | 6.6 | 10.6 |
| Industrial engineering..... | 25 | 17 | 25 | 27 | 33 | 50 | 51 | 40 | 40 | 43 | 4.3 | 11.1 |
| Materials engineering..... | 49 | 77 | 61 | 78 | 83 | 95 | 83 | 106 | 84 | 88 | 11.1 | 18.7 |
| Mechanical engineering..... | 38 | 57 | 45 | 57 | 69 | 64 | 78 | 88 | 93 | 95 | 16.6 | 20.6 |
| Other engineering..... | 88 | 106 | 89 | 79 | 99 | 115 | 149 | 149 | 145 | 179 | 11.9 | 20.9 |

See SOURCE at end of table.

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|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|------|
| | | | | | | | | | | | 1990 | 1999 |
| Total non-S&E..... | 6,736 | 6,941 | 7,356 | 7,470 | 7,899 | 8,128 | 8,298 | 8,308 | 8,503 | 8,409 | 51.0 | 55.4 |
| Health..... | 592 | 668 | 710 | 777 | 843 | 843 | 860 | 937 | 1,008 | 901 | 61.9 | 63.9 |
| Humanities..... | 1,600 | 1,720 | 1,858 | 1,919 | 2,054 | 2,256 | 2,343 | 2,382 | 2,467 | 2,425 | 45.3 | 48.1 |
| Education..... | 3,752 | 3,748 | 3,976 | 3,921 | 4,089 | 4,092 | 4,179 | 4,120 | 4,132 | 4,196 | 57.6 | 64.0 |
| Professional/other..... | 792 | 805 | 812 | 853 | 913 | 937 | 916 | 869 | 896 | 887 | 36.0 | 40.8 |

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, various years.